Index to Volume 17

The page numbers of all original articles published in the Journal of Gerontology are set in bold face type.

A

Abstracts of Papers to be Presented at the 15th Annual Meeting of Gerontological Society: Biological Sciences, 450; Clinical Medicine, 459; Psychological and Social Sciences, 470; Social Welfare, 478.

AGOSTINI, C.—R. Comolli, A. Perin, and G. Guidotti. The Influence of Thyroid on the Incorporation of Radiosulfate into Sulfomucopolysaccharides of Rat Aorta. **15**

ANDERSON, J. E., JR.—Aging and Educational Television: A Preliminary Survey. **447**

ANSEVIN, K. D.—and R. Buchsbaum. Capacity for Histological Reconstruction by Mouse Kidney Cells in Relation to Age. **130**

AUTHOR INDEX TO CURRENT PUBLICATIONS. 507

B

BALKRISHNA—(See Chakravarti, R. N.)

BARROWS, C. H. JR.—L. M. Roeder, and J. A. Falzone. Effect of Age on the Activities of Enzymes and the Concentrations of Nucleic Acids in the Tissues of Female Wild Rats. **144**

—L. M. Roeder, and D. A. Olewine. Effect of Age on Renal Compensatory Hypertrophy Following Unilateral Nephrectomy in the Rat. **148**

BERTELSEN, S.—Hexosamine, Hydroxyproline, and Calcium Levels in the Intima of the Human Aorta as Related to Age and Atherosclerotic Changes. **24**

BIRREN, J. E.—Age Difference in Learning a Two-Choice Water Maze by Rats. **207**

—and K. F. Riegel. Age differences in Continuous Word Associations Measured by Speech Recordings. **95**

—and W. Spieth. Age, Response Speed, and Cardiovascular Functions. **390**

BOOK REVIEWS—
The Physiology of Emotions (A. Verwoerdt). 106
Second Conference on Gerontology and Geriatrics, Moscow, 1960 (Mrs. J. B. Graber). 214
Recent Research Looking Toward Preventive Intervention, Proceedings of the Third Institute on Preventive Psychiatry (R. H. Dovenmuehle). 320
Social Security: Programs, Problems and Policies, Selected Readings (J. W. McConnell). 106
Study of Consumer Expenditures, Incomes and Savings: Consumption Patterns of the Aged (L. A. Epstein). 214

BORTNER, R. W.—Test Differences Attributable to Age, Selection Processes and Institutional Effects. **58**

BOTWINICK, J., JR.—A Research Note on the Problems of Perceptual Modification in Relationship to Age. **190**

—and J. F. Brinley. Aspects of RT Set During Brief Intervals in Relation to Age and Sex. **295**

—J. F. Brinley, and J. S. Robbin. Learning a Position Discrimination and Position Reversals by Sprague-Dawley Rats of Different Ages. **315**

BOURNE, G. H. (See Pinkstaff, C. A.)

BREBNER, J.—The Effect of Age on Judgments of Length. **91**

BRINLEY, J. F.—(See Botwinick, J., Jr.)

BUCHSBAUM, R.—(See Ansevin, K. D.)

BUSSE, E. W.—(See Jeffers, F. C.)

—(See Obrist, W. D.)

C

CHAKRAVARTI, R. N.—Balkrishna, and S. H. Zaidi. The Significance of Serum Viscosity in Experimental Atherosclerosis. **27**

CHIEFFI, M.—(See Kirk, J. E.)

COMFORT, A.—A Life Table for Arabian Mares. **14**

COMOLLI, R.—(See Agostini, C.)

—(See Perin, A.)

COWDRY, E, V,—(See Suntzeff, V.)

CRONKITE, E. P.—(See Tonna, E. A.)

CROOK, G. H.—(See Katz, L.)

CURRENT PUBLICATIONS IN GERONTOLOGY AND GERIATRICS. 107, 215, 321, 486

D

Davies, D. R.—(See Griew, S.)

DAVIS, R. W.—The Relationship of Social Preferability to Self-Concept in an Aged Population. **431**

DEAN, L. R.—Aging and the Decline of Affect. **440**

DETWILER, T. C.—and H. H. Draper. Physiological Aspects of Aging. IV. Senescent Changes in the Metabolism and Composition of Nucleic Acids of the Liver and Muscle of the Rat. **138**

DIBNER, A. S.—(See Whiskin, F. E.)

DRAPER, H. H.—(See Detwiler, T. C.)

E

EISDORFER, C.—(See Jeffers, F. C.)

—(See Obrist, W. D.)

F

FALEK, A.—(See Jarvik, L. F.)

FALZONE, J. A.—(See Barrows, C. H., Jr.)

FAULSTICK, R.—M. J. Yiengst, D. A. Oursler, and N. W. Shock. Glomerular Permeability in Young and Old Subjects. **40**

FILER, R. N.—and D. O'Connell. A Useful Contribution Climate for the Aging. **51**

G

GILBERT, J. G.—Changes with Age in Human Figure Drawing. **397**

GOLDFARB, A. I.—(See Pollack, M.)

GRIEW, S.—and D. R. Davies. The Effect of Aging on Auditory Vigilance Performance. **88**

GUIDOTTI, G.—(See Agostini, C.)

H

HINCHCLIFFE, R.—Aging and Sensory Thresholds. **45**

HIXON, B. B.—(See Suntzeff, V.)

HIZER, C. A.—(See Trout, E. C., Jr.)

Index to Volume 17

The page numbers of all original articles published in the Journal of Gerontology are set in bold face type.

A

Abstracts of Papers to be Presented at the 15th Annual Meeting of Gerontological Society: Biological Sciences, 450; Clinical Medicine, 459; Psychological and Social Sciences, 470; Social Welfare, 478.

AGOSTINI, C.—R. Comolli, A. Perin, and G. Guidotti. The Influence of Thyroid on the Incorporation of Radiosulfate into Sulfomucopolysaccharides of Rat Aorta. **15**

ANDERSON, J. E., JR.—Aging and Educational Television: A Preliminary Survey. **447**

ANSEVIN, K. D.—and R. Buchsbaum. Capacity for Histological Reconstruction by Mouse Kidney Cells in Relation to Age. **130**

AUTHOR INDEX TO CURRENT PUBLICATIONS. 507

B

BALKRISHNA—(See Chakravarti, R. N.)

BARROWS, C. H. JR.—L. M. Roeder, and J. A. Falzone. Effect of Age on the Activities of Enzymes and the Concentrations of Nucleic Acids in the Tissues of Female Wild Rats. **144**

—L. M. Roeder, and D. A. Olewine. Effect of Age on Renal Compensatory Hypertrophy Following Unilateral Nephrectomy in the Rat. **148**

BERTELSEN, S.—Hexosamine, Hydroxyproline, and Calcium Levels in the Intima of the Human Aorta as Related to Age and Atherosclerotic Changes. **24**

BIRREN, J. E.—Age Difference in Learning a Two-Choice Water Maze by Rats. **207**

—and K. F. Riegel. Age differences in Continuous Word Associations Measured by Speech Recordings. **95**

—and W. Spieth. Age, Response Speed, and Cardiovascular Functions. **390**

BOOK REVIEWS—
The Physiology of Emotions (A. Verwoerdt). 106
Second Conference on Gerontology and Geriatrics, Moscow, 1960 (Mrs. J. B. Graber). 214
Recent Research Looking Toward Preventive Intervention, Proceedings of the Third Institute on Preventive Psychiatry (R. H. Dovenmuehle). 320
Social Security: Programs, Problems and Policies, Selected Readings (J. W. McConnell). 106
Study of Consumer Expenditures, Incomes and Savings: Consumption Patterns of the Aged (L. A. Epstein). 214

BORTNER, R. W.—Test Differences Attributable to Age, Selection Processes and Institutional Effects. **58**

BOTWINICK, J., JR.—A Research Note on the Problems of Perceptual Modification in Relationship to Age. **190**

—and J. F. Brinley. Aspects of RT Set During Brief Intervals in Relation to Age and Sex. **295**

—J. F. Brinley, and J. S. Robbin. Learning a Position Discrimination and Position Reversals by Sprague-Dawley Rats of Different Ages. **315**

BOURNE, G. H. (See Pinkstaff, C. A.)

BREBNER, J.—The Effect of Age on Judgments of Length. **91**

BRINLEY, J. F.—(See Botwinick, J., Jr.)

BUCHSBAUM, R.—(See Ansevin, K. D.)

BUSSE, E. W.—(See Jeffers, F. C.)

—(See Obrist, W. D.)

C

CHAKRAVARTI, R. N.—Balkrishna, and S. H. Zaidi. The Significance of Serum Viscosity in Experimental Atherosclerosis. **27**

CHIEFFI, M.—(See Kirk, J. E.)

COMFORT, A.—A Life Table for Arabian Mares. **14**

COMOLLI, R.—(See Agostini, C.)

—(See Perin, A.)

COWDRY, E, V,—(See Suntzeff, V.)

CRONKITE, E. P.—(See Tonna, E. A.)

CROOK, G. H.—(See Katz, L.)

CURRENT PUBLICATIONS IN GERONTOLOGY AND GERIATRICS. 107, 215, 321, 486

D

Davies, D. R.—(See Griew, S.)

DAVIS, R. W.—The Relationship of Social Preferability to Self-Concept in an Aged Population. **431**

DEAN, L. R.—Aging and the Decline of Affect. **440**

DETWILER, T. C.—and H. H. Draper. Physiological Aspects of Aging. IV. Senescent Changes in the Metabolism and Composition of Nucleic Acids of the Liver and Muscle of the Rat. **138**

DIBNER, A. S.—(See Whiskin, F. E.)

DRAPER, H. H.—(See Detwiler, T. C.)

E

EISDORFER, C.—(See Jeffers, F. C.)

—(See Obrist, W. D.)

F

FALEK, A.—(See Jarvik, L. F.)

FALZONE, J. A.—(See Barrows, C. H., Jr.)

FAULSTICK, R.—M. J. Yiengst, D. A. Oursler, and N. W. Shock. Glomerular Permeability in Young and Old Subjects. **40**

FILER, R. N.—and D. O'Connell. A Useful Contribution Climate for the Aging. **51**

G

GILBERT, J. G.—Changes with Age in Human Figure Drawing. **397**

GOLDFARB, A. I.—(See Pollack, M.)

GRIEW, S.—and D. R. Davies. The Effect of Aging on Auditory Vigilance Performance. **88**

GUIDOTTI, G.—(See Agostini, C.)

H

HINCHCLIFFE, R.—Aging and Sensory Thresholds. **45**

HIXON, B. B.—(See Suntzeff, V.)

HIZER, C. A.—(See Trout, E. C., Jr.)

HODGKINS, J.—Influence of Age on the Speed of Reaction and Movement in Females. **385**

HORTON, D. L.—(See Whiteley, H. J.)

J

JARRETT, S. R.—(See Silberberg, R.)

JARVIK, L. F.—F. L. Kallmann, and A. Falek. Intellectual Changes in Aged Twins. **289**

JEFFERS, F. C.—C. Eisdorfer, and E. W. Busse. Measurement of Age Identification: A Methodologic Note. **437**

JOHNSON, L.—and G. B. Strother. Job Expectations and Retirement Planning. **418**

K

KAHN, R. L.—(See Pollack, M.)

KALLMANN, F. L.—(See Jarvik, L. F.)

KAO, K.-Y. T.—(See Trout, E. C., Jr.)

KARP, E.—(See Pollack, M.)

KATZ, L.—and G. H. Crook. Use of the Kent E-G-Y with an Aged Population. **186**

KAY, H.—and M. E. Sime. Discrimination Learning With Old and Young Rats. **75**

—(See Sime, M. E.)

KERNEN, R. L.—(See Kurnick, N. B.)

KIRK, J. E.—The Cathepsin Activity of Arterial Tissue in Individuals of Various Ages. **158**

—The Diaphorase and Cytochrome C Reductase Activities of Arterial Tissue in Individuals of Various Ages. **276**

—The Glycogen Phosphorylase Activity of Arterial Tissue in Individuals of Various Ages. **154**

—Variation with Age in the Creatine Phosphokinase Activity of Human Aortic Tissue. **369**

—and M. Chieffi. Variation with Age in Elasticity of Skin and Subcutaneous Tissue in Human Individuals. **373**

KLEEMEIER, R. W.—(See Obrist, W. D.)

KONISHI, F.—Renal Hyperplasia in Young and Old Rats Fed a High Protein Diet Following Unilateral Nephrectomy. **151**

KRIEGER LASSEN, H.—Geriatric Practice: Geriatric Problems in Surgery. A Clinical Review with a Statistical Survey of Mortality Rates as Related to Age. **167**

KURNICK, N. B. —and R. L. Kernen. The Effect of Aging on the Desoxyribonuclease System, Body and Organ Weight, and Cellular Content. **245**

L

LABELLA, F. S.—Separation of Fluorescent and Pigmented Components of Elastin. Possible Relation to Age Pigments and Certain Invertebrate Pigments. **8**

LAKIN, M.—(See Wilson, S.)

LEHMAN, H. C.—The Creative Production Rates of Present Versus Past Generations of Scientists. **409**

LOCKE, B. Z.—Hospitalization History of Patients with Mental Diseases of the Senium. **381**

M

MADDOX, G. L.—Some Correlates of Differences in Self-Assessment of Health Status Among the Elderly. **180**

MCCORMICK, J. G.—(See Taubenhaus, L. J.)

MCGAVACK, T. H.—(See Trout, E. C., Jr.)

MURATA, K.—The Effects of Sulfated Polysaccharides Obtained from Seaweeds on Experimental Atherosclerosis. **30**

O

OBRIST, W. D.—E. W. Busse, C. Eisdorfer, and R. W. Kleemeier. Relation of the Electroencephalogram to Intellectual Function in Senescence. **197**

O'CONNELL, D.—(See Filer, R. N.)

OKAJIMA, M.—and E. Simonson. Effect of Breathing Six Per Cent Carbon Dioxide on ECG Changes in Young and Older Healthy Men. **286**

OLEWINE, D. A.—(See Barrows, C. H,. Jr.)

ONUIGBO, W. I. B.—Lung Cancer, Metastasis, and Growing Old. **163**

OURSLER, D. A.—(See Faulstick, D.)

P

PERIN, A.—and R. Comolli. Cholesterol and Fatty Acids Metabolism in the Aorta and Other Tissues of Hypothyroid Rats. **260**

—(See Agostini, C.)

PINKSTAFF, C. A.—M. Sandler, and G. H. Bourne. Phosphatase Studies on Prenatal, Neonatal, and Adult Rat Kidney. **267**

POLLACK, M.—E. Karp, R. L. Kahn, and A. I. Goldfarb. Perception of Self in Institutionalized Aged Subjects: I. Response Patterns to Mirror Reflection. **405**

R

REED, H. B. C., JR.—and R. M. Reitan. The Significance of Age in the Performance of a Complex Psychomotor Task by Brain-Damaged and Non-Brain-Damaged Subject. **193**

REITAN, R. M.—(See Reed, H. B. C., Jr.)

RHUDICK, P. J.—(See Whiskin, F. E.)

RIEGEL, K. F.—and R. M. Riegel. Analysis of Differences in Test and Item Difficulty Between Young and Old Adults. **97**

—(See Birren, J. E.)

RIEGEL, R. M.—(See Riegel, K. F.)

ROBBIN, J. S.—(See Botwinick, J.)

ROEDER, L. M.—(See Barrows, C. H., Jr.)

ROMAN, L.—and L. C. Strong. Age, Gestation, Mortality, and Litter Size in Mice. **37**

S

SANDLER, M.—(See Pinkstaff, C. A.)

SATO, T.—(See Tauchi, H.)

SHOCK, N. W.—Author Index to Current Publications. 507

—Current Publications in Gerontology and Geriatrics. 486

—Author Index to Current Publications. 507

SILBERBERG, M.—(See Silberberg, R.)

SILBERBERG, R.—S. R. Jarrett, and M. Silberberg. Longevity of Female Mice Kept on Various Dietary Regimens During Growth. **239**

SIME, M. E.—and H. Kay. Inter-Problem Interference and Age. **81**
—(See Kay, H.)

SIMONSON, E.—(See Okajima, M.)

SPIETH, W.—(See Birren, J. E.)

STREHLER, B. L.—Further Studies on the Thermally Induced Aging of *Drosophila Melanogaster*. **347**

STRONG, L. C.—(See Roman, L.)

STROTHER, G. B.—(See Johnson, L.)

SUNTZEFF, V.—E. V. Cowdry, and B. B. Hixon. Influence of Maternal Age on Offspring in Mice. **2**

T

TAUBENHAUS, L. J.—and J. G. McCormick. The Aging Lodging House Resident. A Comparison of Lodgers and Non-Lodgers with Special Emphasis on Utilization of Health Resources. **310**

TAUCHI, H.—and T. Sato. Some Micromeasuring Studies of Hepatic Cells in Senility. **254**

THUMIN, F. J.—Reminiscence as a Function of Chronological and Mental Aeg. **392**

TONNA, E. A.—and E. P. Cronkite. Utilization of Tritiated Histidine (H^3HIL) by Skeletal Cells of Adult Mice. **353**

TROUT, E. C., JR.—K.-Y. T. Kao, C. A. Hizar, and T. H. McGavack. *In Vitro* Synthesis of Free and Ester Cholesterol in Various Tissues of Young and Old Rats. **363**

W

WALFORD, R. L.—Auto-Immunity and Aging. **281**

WHISKIN, F. E.—A. S. Dibner, and P. J. Rhudick. Psychological, Cultural, and Health Characteristics of Aging Smokers and Non-Smokers. **69**

WHITELEY, H. J.—and D. L. Horton. The Effect of Age on the Hair Regrowth Cycle on the CBA Mouse. **272**

WILSON, S.—and M. Lakin. A Method of Studying Group Interactions Among Middle-Aged and Retiring Workers. **61**

Y

YIENGST, M. J.—(See Faulstick, D.)

Z

ZAIDI, S. M.—(See Chakravarti, R. N.)

ZBOROWSKI, M.—Aging and Recreation. **302**
—and L. E. Eyde. Aging and Social Participation. **424**

ZOLA, I. K.—Feelings About Age Among Older People. **65**

ZORZOLI, A.—The Influence of Age on Mouse Liver Glucose-6-Phosphatase Activity. **359**